

# Adult Immunizations

## Massachusetts Recommendations and Requirements for 2004

Recommended Immunizations For Health Care Workers <sup>1</sup>		
Vaccine	Persons Born Before 1957	Persons Born In or After 1957
MMR <sup>2</sup> (Measles, Mumps, Rubella)	1 dose	2 doses
Varicella <sup>3</sup>	2 doses	2 doses
Influenza	1 dose/year	1 dose/year
Hepatitis B <sup>4</sup>	3 doses	3 doses
Td	Booster every 10 years	Booster every 10 years
Pneumococcal	1 dose at any age if at risk for pneumococcal disease; 1 dose for everyone ≥ 65 years of age	1 dose at any age if at risk for pneumococcal disease

<sup>1</sup> Health care workers (HCWs) are defined as full- and part-time staff with or without direct patient care responsibilities, including physicians, students and volunteers who work in inpatient, outpatient and home-care settings.

<sup>2</sup> People born before 1957 are generally considered immune. However, 1 dose of MMR vaccine is advisable for HCWs. MMR is indicated for HCWs born in or after 1957 who do not have documentation of age-appropriate immunization or serologic evidence of immunity. In Massachusetts, proof of immunity to measles and rubella is required for certain HCWs. (Refer to: MASSACHUSETTS IMMUNIZATION REQUIREMENTS FOR SELECTED OCCUPATIONAL GROUPS on next page)

<sup>3</sup> Varicella vaccine is indicated for HCWs who neither a reliable history (physician diagnosis or personal recall) of varicella disease nor serologic evidence of immunity.

<sup>4</sup> Pre vaccination hepatitis B serologic screening for is not indicated for persons being vaccinated because of occupational risk. HCWs who have contact with patients or blood **and** who are at ongoing risk for injuries with sharp instruments or needlesticks should be tested 1-2 months after vaccination to determine serologic response.

Recommended Immunizations For Teachers and Day Care Staff <sup>1</sup>		
Vaccine	Persons Born Before 1957	Persons Born In or After 1957
MMR <sup>2</sup> (Measles, Mumps, Rubella)	1 dose recommended for women of childbearing age; and for all adults <u>not</u> born in the U.S.	2 doses
Varicella <sup>3</sup>	2 doses	2 doses
Hepatitis B <sup>4</sup>	3 doses	3 doses
Td	Booster every 10 years	Booster every 10 years
Annual Influenza	Indicated for caregivers of children birth – 23 months of age; anyone with medical conditions that put them at risk for complications from influenza; pregnant women; and everyone ≥ 50 y/o.	

<sup>1</sup> Including full- and part-time teachers, student teachers and staff.

<sup>2</sup> Proof of immunity to measles, mumps and rubella is required for staff of licensed group and family day care centers. (Please refer to: MASSACHUSETTS IMMUNIZATION REQUIREMENTS FOR SELECTED OCCUPATIONAL GROUPS on next page.) MMR vaccine is recommended for teachers and staff in other school settings. MMR combination vaccine is recommended for both doses of measles vaccine, including for the second dose of measles vaccine.

<sup>3</sup> Varicella vaccine is recommended for those who do not have documentation of age-appropriate immunization, a reliable history of varicella disease (physician diagnosis or personal recall) or serologic evidence of immunity.

<sup>4</sup> Federal OSHA regulations require some employers to offer hepatitis B vaccine to childcare staff whose responsibilities include first aid. Serologic evidence of immunity may be substituted for immunization.

These Adult Immunization Guidelines are based on the recommendations of the Advisory Committee on Immunization Practices (ACIP) and the National Coalition for Adult Immunization. For specific ACIP recommendations refer to the full statements, which are published in the MMWR. To access individual statements, call the Massachusetts Immunization Program at 617-983-6800, or visit CDC's web site: [www.cdc.gov/nip/publications/ACIP-list.htm](http://www.cdc.gov/nip/publications/ACIP-list.htm).

## Massachusetts Immunization Requirements for Selected Occupational Groups

Group and Regulation	Requirement	Proof of Immunity
Health care personnel assigned to maternal-newborn areas (105 CMR 130.626)	Immunity to measles and rubella	At least one dose of vaccine on or after 12 months of age; serologic evidence of immunity to rubella and measles; or, for measles only, physician-diagnosed disease.
Staff of licensed group and family day cares and programs for school age children (102 CMR 7.08 and 8.04)	Immunity to measles, mumps and rubella	Those born in or after 1957, regardless of country of birth: 2 doses of MMR (or 2 doses of measles-containing vaccine) and 1 dose each of mumps and rubella vaccine on or after 12 months of age; or serologic evidence of immunity to measles, mumps <u>and</u> rubella.  Those born before 1957 in the U.S. are considered immune.  Those born before 1957 in countries other than the U.S.: 1 dose of MMR; or serologic evidence of immunity to measles, mumps <u>and</u> rubella.  Physician-diagnosed disease is <u>not</u> considered acceptable proof of immunity for day care staff.

Note: Federal Occupational Safety and Health Administration (OSHA) regulations may include other immunization requirements for workers in certain occupational settings.

## Phase In Schedule for Massachusetts College Immunization Requirements<sup>1</sup>

Vaccine	2004	2005
3 doses Hepatitis B <sup>2</sup>	All health science students; and freshmen - seniors	All health science students; and freshmen – graduate students
1 Td booster in last 10 years	All college students as described below	
2 doses measles <sup>2</sup> , 1 dose mumps <sup>2</sup> , 1 dose rubella <sup>2</sup>	All college students as described below	

<sup>1</sup> The following students are subject to immunization requirements for college entry (105 CMR 220.600):

- Full-time undergraduate and graduate students;
- Part-time and full-time undergraduate or graduate students in a health science program who may be in contact with patients;
- Any full- or part-time student attending an institution of higher education in Massachusetts while on a student or other visa, including a student attending or visiting classes or programs as part of a formal academic visitation or exchange program.

<sup>2</sup> Serologic proof of immunity is acceptable documentation.

## Immunizations for Travelers

For information about immunizations for travel to specific areas, call the CDC Travel Hotline at 877-394-8747, or visit at <http://www.cdc.gov/travel>.  
For countries with reported cases of polio, <http://www.nt.who.int/vaccines/polio/case.asp>

### Massachusetts Department of Public Health

1-888-658-2850      [www.state.ma.us/dph](http://www.state.ma.us/dph)

### CDC National Immunization Information Hotline

English: 800-232-2522 (Monday-Friday, 8 am-11pm)

Spanish: 800-232-0233 (Monday-Friday, 8 am-11pm)

TTY: 800-242-7889 (Monday-Friday, 10am-10pm)

[www.vaccines.ashstd.org](http://www.vaccines.ashstd.org)